

IAP15 Rec'd PCT/PTO 25 JUL 2006

PATENT

THE UNITED STATES PATENT AND TRADEMARK OFFICE

Mail Stop PCT

Appl. No. : 10/552,663 Confirmation No. 2587  
Applicant : Juha T. Rantala  
Filed : October 11, 2005  
TC/A.U. : 2811  
Examiner : Unknown  
Dkt. No. : LAIN-102  
Cust. No. : 20374

**REQUEST FOR CORRECTED NOTICE  
OF ACCEPTANCE OF APPLICATION**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

July 25, 2006

Sir:

A corrected Notice of Acceptance of Application is respectfully requested for the above-identified application.

In the Notice of Acceptance of Application, the date of Receipt of 35 U.S.C. 371(c)(1), (c)(2) and (c)(4) requirements and the date of completion of all 35 U.S.C. 371 requirements are incorrectly identified as "10/11/2005" and "03/31/2006", respectively. The date of receipt of 35 U.S.C. 371(c)(1), (c)(2) and (c)(4) requirements and the date of completion of all 35 U.S.C. 371 requirements are correctly both --03/28/06-- since the last

U.S. PATENT APPLN. S.N. 10/552,663  
REQUEST FOR CORRECTED NOTICE  
OF ACCEPTANCE OF APPLICATION

requirement of the 35 U.S.C. 371(c)(1), (c)(2) and (c)(4) requirements, the declaration (35 U.S.C. 371(c)(4)), was filed in the Office on March 28, 2006.

For the convenience of the Office, a copy of the Notice of Acceptance of Application is attached hereto with the errors marked in red ink. Also enclosed is a copy of a "Receipt of Filing of Papers" for the declaration with an OIPE date stamp of March 28, 2006.

In the event any fees are required, please charge our Deposit Account No. 111833.

Respectfully submitted,

KUBOVCIK & KUBOVCIK



Keiko Tanaka Kubovcik  
Reg. No. 40,428

Atty. Case No. LAIN-102  
The Farragut Building  
Suite 710  
900 17th Street, N.W.  
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Tel: (202) 887-9023  
Fax: (202) 887-9093  
KTK/jjk

Enclosures:      Marked-up copy of Notice of Acceptance of Application  
                    Copy of "Receipt of Filing of Papers" with OIPE date stamp of March 28, 2006



UNITED STATES PATENT AND TRADEMARK OFFICE

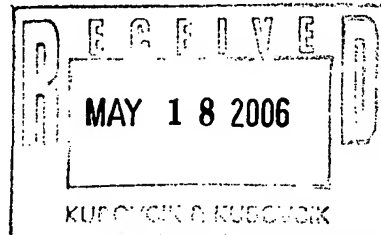


COPY

UNITED STATES DEPARTMENT OF COMMERCE  
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 Alexandria, Virginia 22313-1450  
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U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/552,663	Juha T. Rantala	LAIN-102

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INTERNATIONAL APPLICATION NO.	
PCT/FI04/00223	
I.A. FILING DATE	PRIORITY DATE
04/13/2004	04/11/2003

CONFIRMATION NO. 2587  
 371 ACCEPTANCE LETTER



\*OC00000018747718\*

Date Mailed: 05/11/2006

### NOTICE OF ACCEPTANCE OF APPLICATION UNDER 35 U.S.C 371 AND 37 CFR 1.495

The applicant is hereby advised that the United States Patent and Trademark Office in its capacity as a Designated / Elected Office (37 CFR 1.495), has determined that the above identified international application has met the requirements of 35 U.S.C. 371, and is ACCEPTED for national patentability examination in the United States Patent and Trademark Office.

The United States Application Number assigned to the application is shown above and the relevant dates are:

<del>10/11/2005</del> 03/28/2006	<del>03/31/2006</del> 03/28/2006
DATE OF RECEIPT OF 35 U.S.C. 371(c)(1), (c)(2) and (c)(4) REQUIREMENTS	DATE OF COMPLETION OF ALL 35 U.S.C. 371 REQUIREMENTS

A Filing Receipt (PTO-103X) will be issued for the present application in due course. **THE DATE APPEARING ON THE FILING RECEIPT AS THE " FILING DATE" IS THE DATE ON WHICH THE LAST OF THE 35 U.S.C. 371 (c)(1), (c)(2) and (c)(4) REQUIREMENTS HAS BEEN RECEIVED IN THE OFFICE. THIS DATE IS SHOWN ABOVE.** The filing date of the above identified application is the international filing date of the international application (Article 11(3) and 35 U.S.C. 363). Once the Filing Receipt has been received, send all correspondence to the Group Art Unit designated thereon.

The following items have been received:

- Indication of Small Entity Status
- Copy of the International Application filed on 10/11/2005
- Copy of the International Search Report filed on 10/11/2005
- Preliminary Amendments filed on 10/11/2005
- Information Disclosure Statements filed on 03/28/2006
- Oath or Declaration filed on 10/11/2005
- Small Entity Statement filed on 10/11/2005
- U.S. Basic National Fees filed on 10/11/2005
- Assignment filed on 03/28/2006
- Priority Documents filed on 10/11/2005
- Specification filed on 10/11/2005



- Claims filed on 10/11/2005
- Abstracts filed on 10/11/2005

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Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

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PATRICIA A BOOKER

Telephone: (703) 308-9140 EXT 204

**PART 1 - ATTORNEY/APPLICANT COPY**

FORM PCT/DO/EO/903 (371 Acceptance Notice)

RP/BD  
3,29.06  
clm1

RECEIPT OF FILING OF PAPERS

**PATENT APPLICATION**



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In re the application of:

Juha RANTALA

International Application No. PCT/FI2004/000223

I.A. Filing Date: April 13, 2004

U.S. Serial Number: 10/552,663 (unofficial)

Atty. Dkt. Number: LAIN-102

Customer No.: 20374

PAPERS FILED HEREWITH:

Application Transmittal for Second  
Submission of Items

(With Declaration, Assignment (With  
Cover Sheet), Statement Under 37 C.F.R.  
1.497(d) (1) & Information Disclosure  
Statement under 37 C.F.R. §1.97(b) (With  
PTO-1449 and 7 documents))

PTO-2038 FOR \$170.00

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KTK/jbf

Date: March 28, 2006

(DKT: March 31, 2006)



**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Appl. No. : 10/552,663 Confirmation No. 2587  
Applicant : Juha T. Rantala  
Filed : October 11, 2005  
TC/A.U. : 2811  
Examiner : Unknown  
Dkt. No. : LAIN-102  
Cust. No. : 20374

**REQUEST FOR CORRECTED FILING RECEIPT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

July 25, 2006

**Attn: Office of Initial Patent Examination's  
Filing Receipt Corrections**

Sir:

A corrected filing receipt is respectfully requested for the above-identified application.

The filing receipt incorrectly identifies the filing date as "10/11/2005". The filing date should be correctly identified as -- 3/28/2006-- since the date the requirements under 35 U.S.C. 371(c), (c)(2) and (c)(4) were satisfied is March 28, 2006 (please refer to the Request for Corrected Notice of Acceptance of Application filed together with this request).

U.S. PATENT APPLN. S.N. 10/552,663  
REQUEST FOR CORRECTED FILING RECEIPT

A copy of the filing receipt with the error marked in red is enclosed. Also enclosed is a copy of a "Receipt of Filing of Papers" for the declaration with an OIPE date stamp of March 28, 2006.

In the event any fees are required, please charge our Deposit Account No. 111833.

Respectfully submitted,

KUBOVCIK & KUBOVCIK



Keiko Tanaka Kubovcik  
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                     "Receipt of Filing of Papers" for the declaration  
                     with an OIPE date stamp of March 28, 2006.

COPY

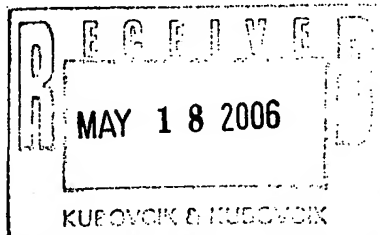


## UNITED STATES PATENT AND TRADEMARK OFFICE

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 Address: COMMISSIONER FOR PATENTS  
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 Alexandria, Virginia 22313-1450  
 www.uspto.gov

APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/552,663	<del>40/44/2005</del> 3/28/2006	2811	740	LAIN-102		25	4

Kubovcik & Kubovcik  
 The Farragut Building  
 Suite 710  
 900 17th Street NW  
 Washington, DC 20006



CONFIRMATION NO. 2587

## FILING RECEIPT



\*OC000000018747717\*

Date Mailed: 05/11/2006

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Juha T. Rantala, Espoo, FINLAND;  
 Jyri Paulasaari, Turku, FINLAND;  
 Janne Kylma, Helsinki, FINLAND;

## Power of Attorney:

Keiko Kubovcik-40428

## Domestic Priority data as claimed by applicant

This application is a 371 of PCT/FI04/00223 04/13/2004

## Foreign Applications

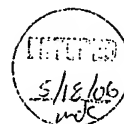
## Acceptable Request to Retrieve Priority Application Received?

UNITED STATES OF AMERICA 60461820 04/11/2003	NO
UNITED STATES OF AMERICA 60531672 12/23/2003	NO
TAIWAN 93109843 04/09/2004	NO

If Required, Foreign Filing License Granted: 05/10/2006

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US10/552,663**

Projected Publication Date: 08/17/2006





**Non-Publication Request:** No

**Early Publication Request:** No

**\*\* SMALL ENTITY \*\***

**Title**

Organo-silsesquioxane polymers for forming low-k dielectrics

**Preliminary Class**

257

## **PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES**

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

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### **LICENSE FOR FOREIGN FILING UNDER Title 35, United States Code, Section 184 Title 37, Code of Federal Regulations, 5.11 & 5.15**

#### **GRANTED**

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING

LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

#### **NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).